

View Online at <https://aerobasegroup.com/nsn/5306-00-948-1356>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 0.488 inches and 0.548 inches

**Fastener Length:**

Between 1.070 inches and 1.090 inches

**Head Diameter:**

Between 0.620 inches and 0.640 inches

**Head Height:**

Between 0.190 inches and 0.210 inches

**Distance From Centerline To Flat:**

Between 0.165 inches and 0.175 inches

**Rib Major Diameter:**

0.317 inches

**Rib Length:**

Between 0.150 inches and 0.190 inches

**Distance From Largest Diameter Of Bearing Surface Of Head To Ribs:**

Between 0.320 inches and 0.340 inches

**Rib Minor Diameter:**

0.289 inches

**Rib Quantity:**

36

**End Application:**

Tf-33 engine; engine a/c, tf-33-100 (e3a/b/c); engine aircraft, tf-33-p-7; aircraft, c-18a, ec-18b; aircraft, stratofortress b-52; aircraft, stratolifter c-135; aircraft, f-111 (fms only)

**Thread Diameter:**

0.250 inches

**Thready Qty Per Inch (tpi):**

28

**Hardness Rating:**

30.0 rockwell c and 38.0 rockwell c

**Material:**

Steel

**Material Specification:**

Ams 5616 assn standard single material response

**Thread Series Designator:**

Unf

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A003b0